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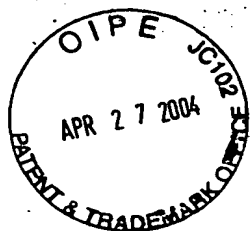


FIG. 1A(1)

1 GCACCGCGCGAGCTTGGCTGCTTCTGGGGC
* AG
84 GGCCGCGACCCCTCTGACCGAGATCCTGCTG
CGT GC GG CTCCGCGCTCCCCG GAAG
168 GTGCCCTGGCCCGGAGAGTGGAATGATCCCC
ACC GACACCCCTGGGGGACC TCG AT
252 GGAGTCTTGAGGGACCCCCGACTCCAAGCGC
1
T C G C G
336 CCTACTGATGGTGCTGTAACCACTCACAGA
9 P T D G A V T T S Q
S E A S
G C A G C
420 TTATTAAAGTCTGTTGGTGCACAAAAGACA
37 L L K S V G A Q K D
N
A G C G G C
504 CGATTATATGATGAGAAGCAACAACATATTG
65 R L Y D E K Q Q H I
G G A
588 GTGAAAGAGCACAGGAAAATATATACCATGA
93 V K E H R K I Y T M
A
GC G AC G C
672 TCTGTGAGTGAGAACAGGTGTCACCTTGAAG
121 S V S E N R C H L E
L S R Q P



FIG. 1A(2)

CTGTGTGGCCCTGTGTGTCGGAAAGATGGAGCAAGA

AGCCGC GC TTCTC TCG TCGAGCT TG ACGAC
CTTTCGCAGCCAGGAGCACCGTCCCTCCCCGGATTA

GTCGGAA ATGCGC G AAGTAG CC T CT
GAGGCCCAGGGCGTCGTGCTTCCGCAGTAGTCAGTC

ACCGCG TTCTCCT C GCCTC C
GAAAACCCCGGATGGTGAGGAGCAGGCAAATGTGCA
M C

T
TTCCAGCTTCGGAACAAGAGACCCTGGTTAGACCAA
I P A S E Q E T L V R P

C A A A A
CTTATACTATGAAAGAGGTTCTTTTTTATCTTGGCC
T Y T M K E V L F Y L G
I I I

G C G
TATATTGTTCAAATGATCTTCTAGGAGATTTGTTTG
V Y C S N D L L G D L F
V

A T A G CT A G A----
TCTACAGGAACTTGGTAGTAGTCAATCAGCAGGAAT
I Y R N L V V V N Q Q E
A S -

TG T C T G C CA
GTGGGAGTGATCAAAAGGACCTTGTACAAGAGCTTC
G G S D Q K D L V Q E L
L P L A P

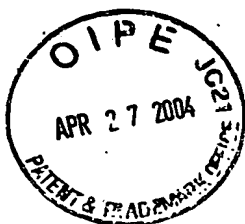


FIG. 1A(3)

AGCCGAGCCCCGAGGGGC	83	Human nt
CATG CGCTCA G C		Mouse nt
GTGCGTACGAGCGCCCA	167	Human nt
GGGCGAGC GAGACC		Mouse nt
CCCGTGAAGGAAACTGG	251	Human nt
G		Mouse nt
ATACCAACATGTCTGTA	335	Human nt
N T N M S V	8	Human a.a.
		Mouse a.a.
A		Mouse nt
AGCCATTGCTTTTGAAG	419	Human nt
K P L L L K	36	Human a.a.
		Mouse a.a.
G		Mouse nt
AGTATATTATGACTAAA	503	Human nt
Q Y I M T K	64	Human a.a.
		Mouse a.a.
A C G T		Mouse nt
GCGTGCCAAGCTTCTCT	587	Human nt
G V P S F S	92	Human a.a.
		Mouse a.a.
----- T C		Mouse nt
CATCGGACTCAGGTACA	671	Human nt
S S D S G T	120	Human a.a.
- -		Mouse a.a.
CA		Mouse nt
AGGAAGAGAAACCTTCA	755	Human nt
Q E E K P S	148	Human a.a.
P		Mouse a.a.



FIG. 1B(1)

	TG	AA		TG
756	TCTTCACATTTGGTTTCTAGACCATCT			
149	S S H L V S R P S			
	D I L			
	G G G CC G G		G GG	
840	GGTGAACGACAAAGAAAACGCCACAAA			
177	G E R Q R K R H K			
	H R R			
	G CAGCGGCGGCACGAGCA CAGT			
924	ATATGT-----TGTGAA			
205	I C - - - - C E			
	M S G G T S S S			
	G T CC			
993	GTAAGTGAACATTCAGGTGATTGGTTG			
228	V S E H S G D W L			
	C			
	G C G C			
1077	TCAGAAGATTATAGCCTTAGTGAAGAA			
256	S E D Y S L S E E			
	D			
	A A C C T			
1161	GGGGAGAGTGATACAGATTCATTTGAA			
284	G E S D T D S F E			
	T C A			
1245	AATCCCCCCTTCCATCACATTGCAAC			
312	N P P L P S H C N			
	K			
	A			
1329	GAAATCTCTGAGAAAGCCAAACTGGAA			
340	E I S E K A K L E			



FIG. 1B(2)

 T C G
ACCTCATCTAGAAGGAGAGCAATTAGTGAGACAGAAGAA
T S S R R R A I S E T E E
 S

----- G CCG G
TCTGATAGTATTTCCCTTTCCTTTGATGAAAGCCTGGCT
S D S I S L S F D E S L A
- - - - P G

 C C C G C A C C
AGAAGCAGTAGCAGTGAATCTACAGGGACGCCATCGAAT
R S S S S E S T G T P S N
S E H

 T C G
GATCAGGATTCAGTTTCAGATCAGTTTAGTGTAGAATTT
D Q D S V S D Q F S V E F

 G C G G C GG
GGACAAGAACTCTCAGATGAAGATGATGAGGTATATCAA
G Q E L S D E D D E V Y Q
 H R

 G G G T
GAAGATCCTGAAATTTCTTAGCTGACTATTGGAAATGC
E D P E I S L A D Y W K C
G

 C A C A C
AGATGTTGGGCCCTTCGTGAGAATTGGCTTCCTGAAGAT
R C W A L R E N W L P E D
 T D

 G T G A A G G
AACTCAACACAAGCTGAAGAGGGCTTTGATGTTCTGAT
N S T Q A E E G F D V P D
 A L



FIG. 1B(3)

Sequence	Human	Mouse
CA GC C AATTCAGATGAATTATCT N S D E L S T P	839 176	Mouse nt Human nt Human a.a. Mouse a.a.
AGC G CTGTGTGTAATAAGGGAG L C V I R E E L	923 204	Mouse nt Human nt Human a.a. Mouse a.a.
A C A C CCGGATCTTGATGCTGGT P D L D A G Q D	992 227	Mouse nt Human nt Human a.a. Mouse a.a.
G G GAAGTTGAATCTCTCGAC E V E S L D	1076 255	Mouse nt Human nt Human a.a. Mouse a.a.
C A C A GTTACTGTGTATCAGGCA V T V Y Q A T	1160 283	Mouse nt Human nt Human a.a. Mouse a.a.
C ACTTCATGCAATGAAATG T S C N E M	1244 311	Mouse nt Human nt Human a.a. Mouse a.a.
G T AAAGGGGAAAGATAAAGGG K G K D K G V	1228 339	Mouse nt Human nt Human a.a. Mouse a.a.
G C GCTG C A TGTAATAAACTATAGTG C K K T I V G L T E	1412 367	Mouse nt Human nt Human a.a. Mouse a.a.



FIG. 1C(1)

1413 G T A C C G
368 AATGATTCCAGAGAGTCATGTGTTGAGGAA
 N D S R E S C V E E
 A K P A

1494 C A G C C G
395 TCTCAGCCATCAACTTCTAGTAGCATTATT
 S Q P S T S S S I I
 V

1578 C C CT G
423 GAAGAGAGTGTGGAATCTAGTTTGCCCCTT
 E E S V E S S L P L
 D F S

1662 T C G T C C T A
451 GTCCATGGCAAAACAGGACATCTTATGGCC
 V H G K T G H L M A
 S

1746 G C G
479 AGACAACCAATTCAAATGATTGTGCTAACT
 R Q P I Q M I V L T
 S

1830 TAACCCTAGGAATTTAGACAACCTGAAATT
1914 TTAGTATAATTGACCTACTTTGGTAGTGGA
1998 ACTCCTAATTTTAAATAATTTCTACTCTGT
2082 ATGTAACCTATTATTTTTTTTTTGAGACCGAG
2166 CTCTGCCCTCCCCGGGTTCGCACCATTCTC
2250 TAATTTTTTTGTA CTTT TAGTAGAGACAGGG
2334 CTCGGCCTCCCAAAGTGCTGGGATTACAGG



FIG. 1C(2)

G CAGC G G GGCCGA GA GC C TG C
AAT---GATGATAAAATTACACAAGCTTCACAATCAC
N - D D K I T Q A S Q S
D S E E A E T P L

AGC G--- A
TATAGCAGCCAAGAAGATGTGAAAGAGTTTGAAAGGG
Y S S Q E D V K E F E R
S L - K

C A C C G G G
AATGCCATTGAACCTTGTGTGATTTGTCAAGGTCGAC
N A I E P C V I C Q G R

T C G A A C
TGCTTTACATGTGCAAAGAAGCTAAAGAAAAGGAATA
C F T C A K K L K K R N

C AA C CTCA A A T
TATTTCCCCTAGTTGACCTG---TCTATAAGAGAATT
Y F P
N

TATTCACATATATCAAAGTGAGAAAATGCCTCAATTC
ATAGTGAATACTTACTATAATTTGACTTGAATATGTA
CTTAAATGAGAAGTACTTGGTTTTTTTTTTCTTAAAT
TCTTGCTCTGTTACCCAGGCTGGAGTGCAGTGGGTGA
CTGCCTCAGCCTCCCAATTAGCTTGGCCTACAGTCAT
TTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGA
CATGAGCCACCG



FIG. 1C(3)

G G C		Mouse nt
AAGAAAGTGAAGACTAT	1493	Human nt
Q E S E D Y	394	Human a.a.
D		Mouse a.a.
G G GC		Mouse nt
AAGAAACCCAAGACAAA	1577	Human nt
E E T Q D K	422	Human a.a.
H		Mouse a.a.
C		Mouse nt
CTAAAAATGGTTGCATT	1661	Human nt
P K N G C I	450	Human a.a.
		Mouse a.a.
G C		Mouse nt
AGCCCTGCCCAGTATGT	1745	Human nt
K P C P V C	478	Human a.a.
		Mouse a.a.
T *		Mouse nt
ATATATTTCTAACTATA	1829	Human nt
	491	Human a.a.
		Mouse a.a.
ACATAGATTTCTTCTCT	1913	Human nt
GCTCATCCTTTACACCA	1997	Human nt
ATGTATATGACATTTAA	2081	Human nt
TCTTGGCTCACTGCAAG	2165	Human nt
CTGCCACCACACCTGGC	2249	Human nt
CCTCGTGATCCGCCCAC	2333	Human nt
	2372	Human nt

FIG. 2

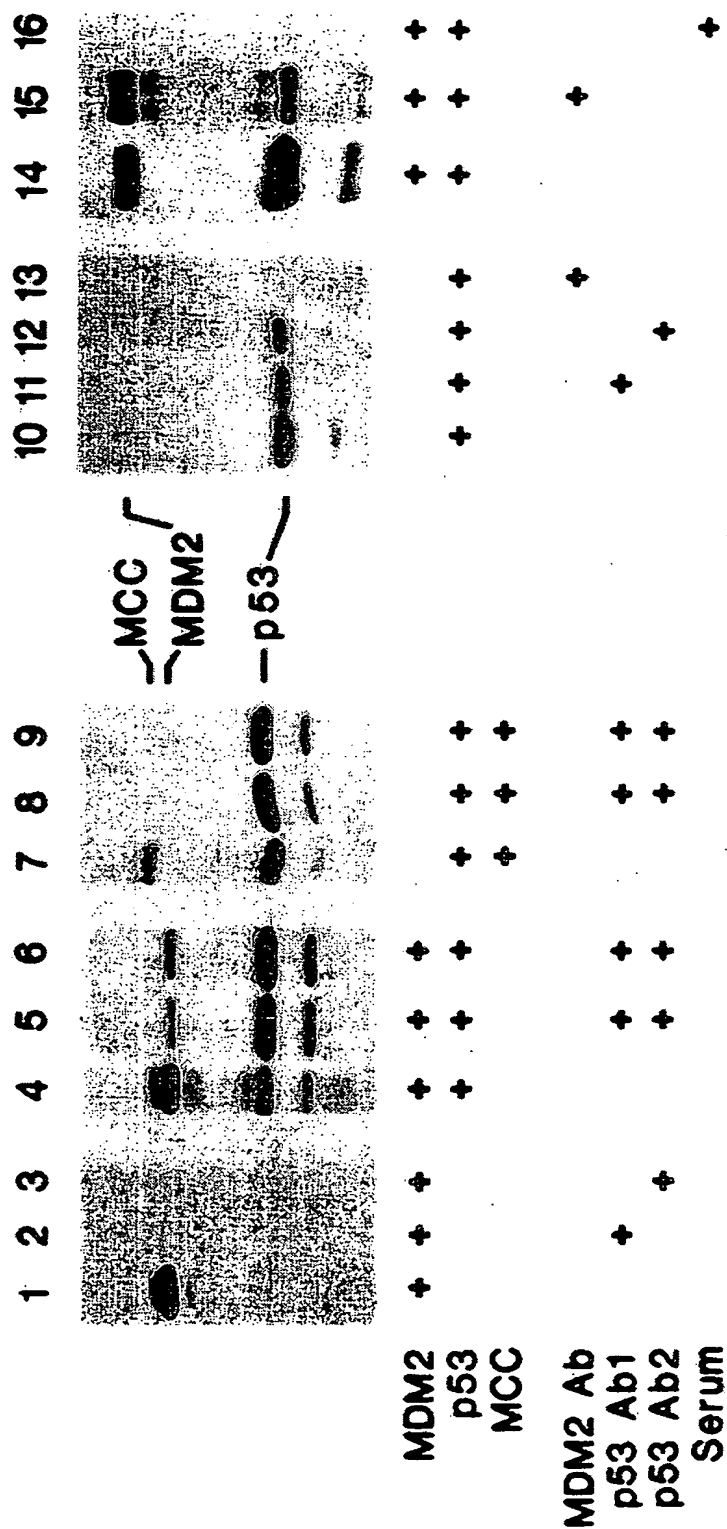
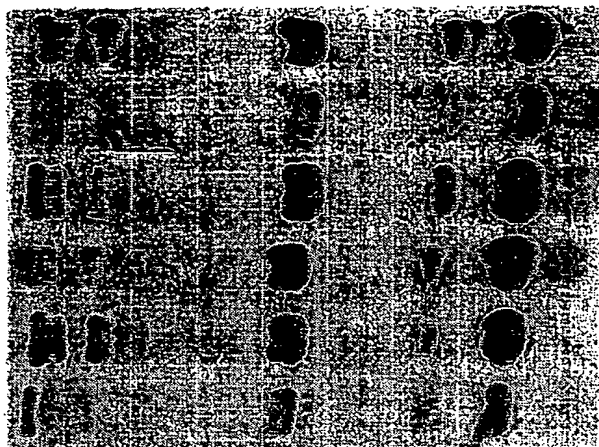




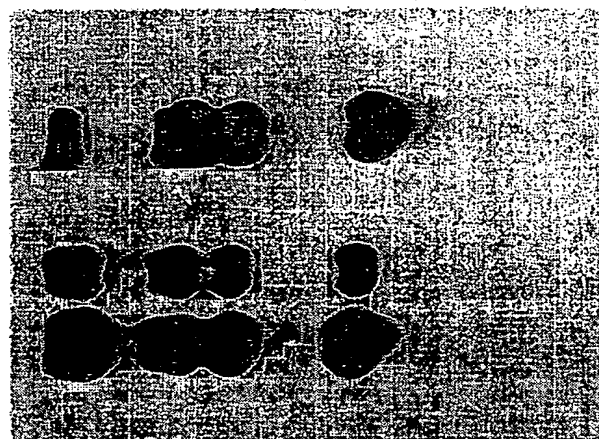
FIG. 3

1 2 3 4 5 6



DCC

1 2 3 4 5 6



MDM2

6.6-

4.4-

2.0-

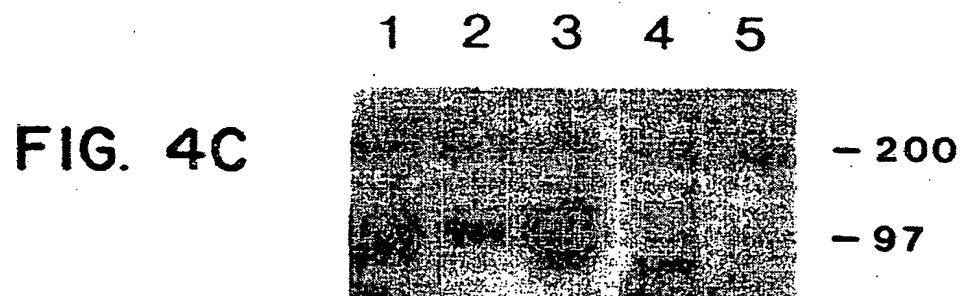
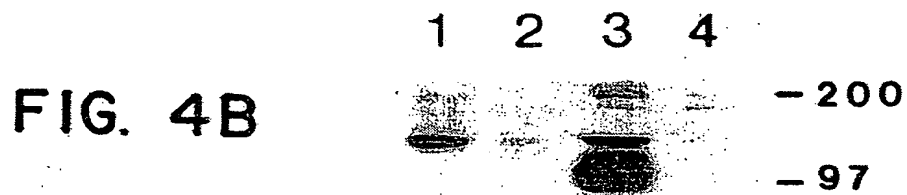
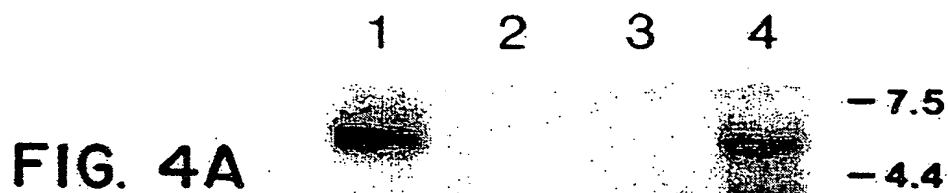
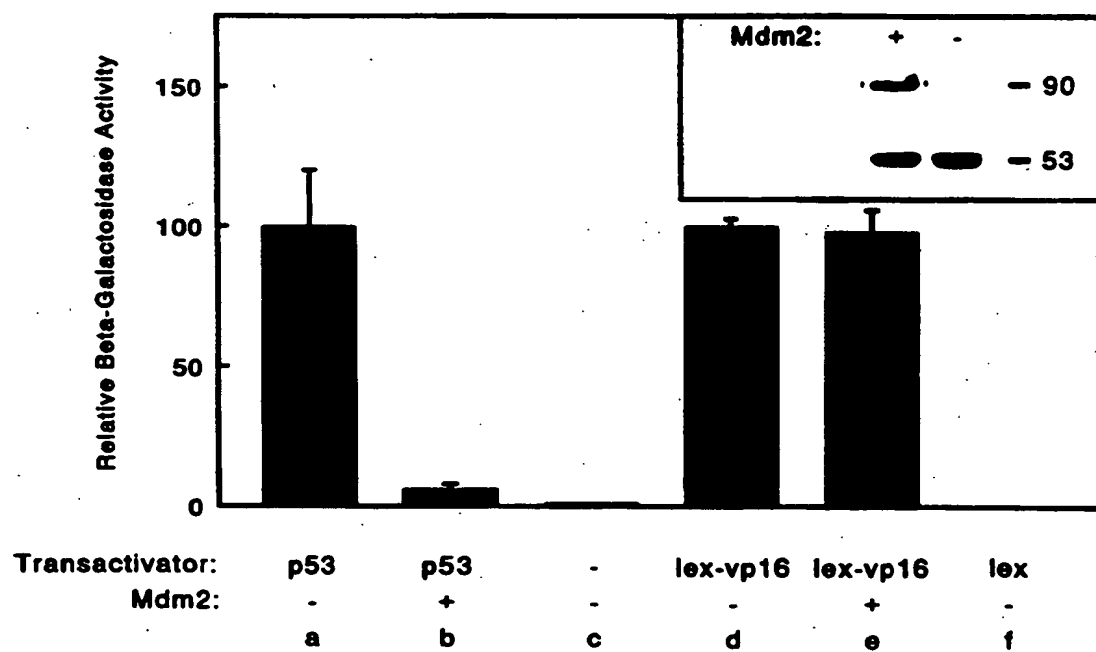




FIG. 5



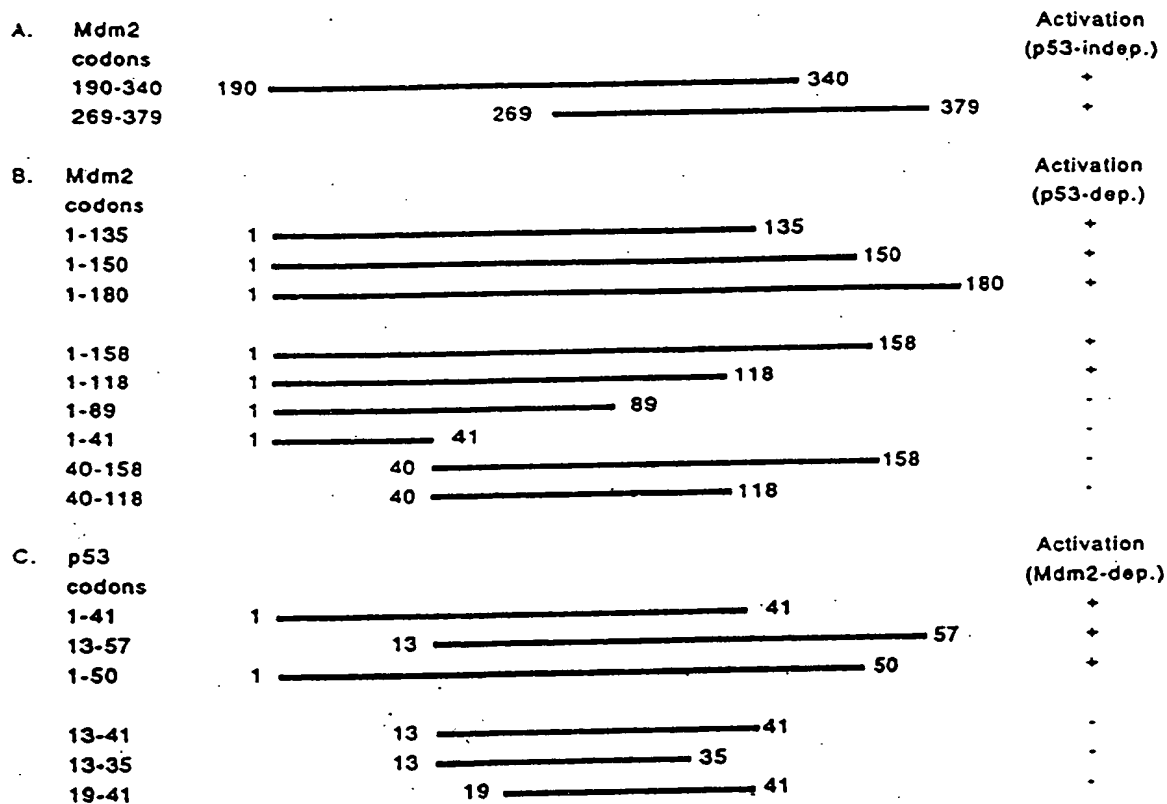


FIGURE 6

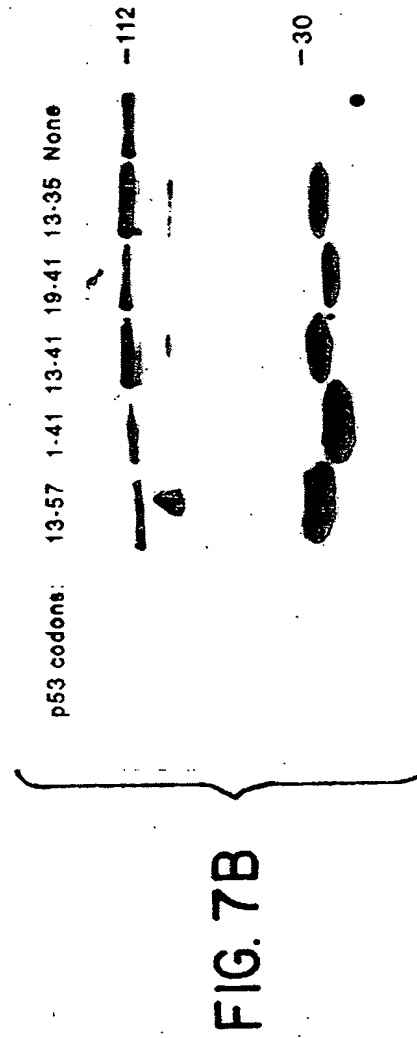
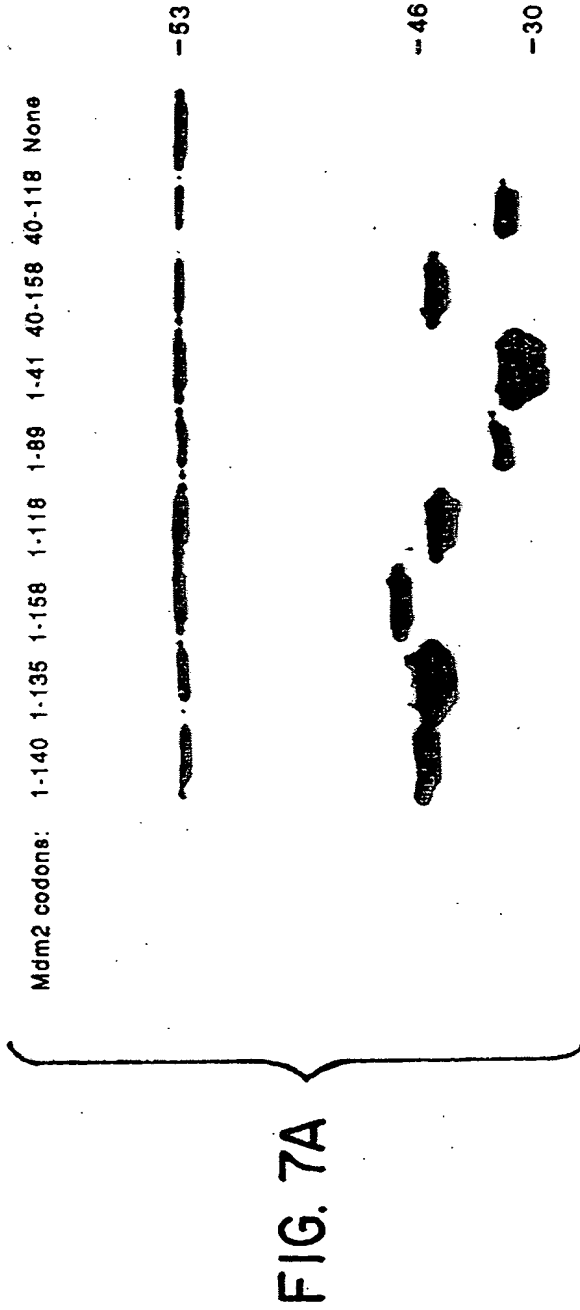




FIG. 8

